

# AUXILIARY DEVICE FOR INTERMITTENT POSITIVE PRESSURE TYPE ARTIFICIAL RESPIRATION

**Publication number:** JP2001259036  
**Publication date:** 2001-09-25  
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**Classification:**  
- **international:** **A61M16/00; A61M16/00;** (IPC1-7): A61M16/00  
- **europaen:**  
**Application number:** JP20000080073 20000322  
**Priority number(s):** JP20000080073 20000322

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## Abstract of JP2001259036

**PROBLEM TO BE SOLVED:** To provide an auxiliary device for intermittent positive pressure type artificial respiration which is synchronized automatically with the spontaneous breathing of a user without burdening the user in an auxiliary therapy of intermittent positive type pressure ventilation.

**SOLUTION:** The auxiliary device for intermittent positive pressure type artificial respiration is provided with a breathing time detection means for detecting the inspiratory time and the expiratory time of the spontaneous breathing of the user, a storing means for storing the detecting result of the inspiratory time and the expiratory time and an arithmetic means for predicting the inspiratory time and the expiratory time of the next spontaneous breathing, and is provided with a control means for controlling the supply of positive pressure gas from a positive pressure gas generator in accordance with the arithmetic result of a predictive inspiratory time and a predictive expiratory time.

